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BULLETIN No. 97.

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U. S. DEPARTMENT OF AGRICULTURE,
OFFICE OF EXPERIMENT STATIONS,

A. C. TRUE, Director.

STATISTICS

OF THE

Land-Grant Colleges and Agricultural Experiment Stations

IN THE

UNITED STATES

FOR

THE YEAR ENDED JUNE 30, 1900.



WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1901.

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LETTER OF TRANSMITTAL.

U. S. DEPARTMENT OF AGRICULTURE,

OFFICE OF EXPERIMENT STATIONS,

Washington, D. C., March 15, 1901.

SIR: I have the honor to transmit herewith some statistics of the land-grant colleges and agricultural experiment stations for the year 1900, compiled under my direction by Miss Marie T. Spethmann, of this Office, and to recommend their publication as Bulletin No. 97.

Respectfully,

A. C. TRUE,

Director.

Hon. JAMES WILSON,

Secretary of Agriculture.

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LIST OF ABBREVIATIONS.

Agr., Agriculture, Agricultural.
Archi., Architecture.
Biol., Biology, Biological.
Bot., Botany, Botanical.
Chem., Chemistry, Chemical.
Clas., Classical.
Elect., Electrical, Electricity.
Engin., Engineer, Engineering.
Engl., English.
Ent., Entomology.
For., Forestry.
Geol., Geology, Geological.
Hist., History.
Hort., Horticulture.
Husb., Husbandry.
Indus., Industrial, Industries, Industry.
Irrig., Irrigation.
Lang., Language, Languages.

Lat., Latin.
Libr., Library, Librarian.
Lit., Literature.
Math., Mathematics, Mathematical.
Mech., Mechanics, Mechanical.
Med., Medical, Medicine.
Metal., Metallurgy.
Pedag., Pedagogics, Pedagogy.
Phar., Pharmacy, Pharmaceutical.
Philos., Philosophy.
Phys., Physics, Physical.
Prep., Preparatory.
Sci., Science, Sciences, Scientific.
Sten., Stenography.
Tech., Technical.
Veg., Vegetable.
Vet., Veterinary, Veterinarian.
Zool., Zoology, Zoologist.

STATISTICS OF LAND-GRANT COLLEGES AND AGRICULTURAL EXPERIMENT STATIONS, 1900.

The following statistical statements relate to the institutions established under the acts of Congress of July 2, 1862, and August 30, 1890, most of which maintain courses of instruction in agriculture, and to the agricultural experiment stations, which, with a few exceptions, are organized under the act of Congress of March 2, 1887, and are conducted as departments of the institutions receiving the benefits of the land-grant act of July 2, 1862. The statistics included in this bulletin have been compiled in part from replies to a circular of inquiry sent out from this Office and in part from the annual reports of the presidents of these institutions made on the schedules prescribed by the Commissioner of Education. Tables showing the annual disbursements on account of the acts of Congress of March 2, 1887, and August 30, 1890, prepared in the Departments of the Treasury and the Interior, are also included. Owing to the complex organization of many of the institutions, it is impracticable to give exactly comparable statistics in all cases, and in some instances the data furnished are incomplete.

SUMMARY OF STATISTICS OF LAND-GRANT COLLEGES.

Educational institutions receiving the benefits of the acts of Congress of July 1, 1862, and August 30, 1890, are now in operation in all the States and Territories except Alaska. The total number of these institutions is 65, of which 62 maintain courses of instruction in agriculture. The aggregate value of the permanent funds and equipment of the land-grant colleges and universities in 1900 is estimated to be as follows: Land-grant fund of 1862, \$10,725,180.31; other land-grant funds, \$1,528,441.37; other permanent funds, \$15,017,963.80; land grant of 1862 still unsold, \$3,570,907.80; farms and grounds owned by the institutions, \$5,659,731.26; buildings, \$16,781,968.63; apparatus, \$1,456,619.19; machinery, \$1,738,369.88; libraries, \$1,326,889.13; miscellaneous equipment, \$1,519,048.33; total, \$59,325,119.70. The income of these institutions in 1900, exclusive of the funds received from the United States for agricultural experiment stations (\$719,999.07), was

as follows: Interest on land grant of 1862, \$677,870.33; interest on other funds, \$726,229.70; United States appropriation under act of 1890, \$1,198,100.21; State appropriation (annual or regular), \$1,889,288.34; State appropriation (occasional), \$744,184.07; tuition fees, \$390,334.08; incidental fees, \$254,337.26; miscellaneous, \$550,694.68; total, \$6,431,038.67. The value of the additions to the permanent endowment and equipment of these institutions in 1900 is estimated as follows: Permanent endowment, \$1,917,941.16; buildings, \$948,377.94; library, \$119,312.81; apparatus, \$151,405.35; machinery, \$141,667.15; miscellaneous, \$129,288.49; total, \$3,407,992.90. The number of persons in the faculties of the colleges of agriculture and mechanic arts were as follows: For preparatory classes, 333; for collegiate and special classes, 1,642; total, 2,013. In the other departments the faculties aggregated 842, making a grand total of 2,855 persons in the faculties of the land-grant institutions. The students in 1900 were as follows: (1) By classes—preparatory, 6,541; freshmen, 7,512; sophomores, 5,036; juniors, 3,648; seniors, 3,072; special, 12,964; post-graduate, 732; total, 39,505. (2) By courses—agriculture, 5,066; mechanical engineering, 3,932; civil engineering, 1,964; electrical engineering, 1,617; mining engineering, 950; architecture, 292; household economy, 1,908; veterinary science, 1,167; military tactics, 11,506. The graduates in 1900 were 3,114, and since the organization of these institutions, 41,690. The average age of graduates in 1900 was 21 years 10 months. The total number of volumes in the libraries was 1,469,318. The total number of acres of land granted to the States under the act of 1862 was 9,660,379, of which 886,889 are still unsold.

SUMMARY OF STATISTICS OF THE STATIONS.

Agricultural experiment stations are now in operation under the act of Congress of March 2, 1887, in all the States and Territories. Agricultural experiments have been begun in Alaska with the aid of national funds, and an experiment station is in operation in Hawaii under private auspices. In each of the States of Connecticut, New Jersey, and New York a separate station is maintained wholly or in part by State funds. In Louisiana three stations are thus maintained; and in Alabama two—the Canebrake and Tuskegee stations—are maintained wholly by State funds. Excluding the branch stations established in the several States, the total number of stations in the United States is 57. Of these, 52 received the appropriation provided for in the act of Congress above mentioned. The total income of the stations during 1900 was \$1,170,857.78, of which \$719,999.07 was received from the National Government, the remainder, \$450,858.71, coming from the following sources: State governments, \$247,281.46, individuals and communities, \$2,420.51; fees for analyses of fertilizers, \$70,927.31; sales of farm products, \$90,088.84; miscellaneous,

\$40,140.59. In addition to this, the Office of Experiment Stations had an appropriation of \$45,000 for the past fiscal year, including \$12,000 for the Alaskan investigation. The value of additions to the equipment of the stations in 1900 is estimated as follows: Buildings, \$89,416.23; libraries, \$10,784.70; apparatus, \$19,397.85; farm implements, \$17,015.86; live stock, \$22,009.10; miscellaneous \$8,850.94; total, \$167,474.68.

The stations employ 693 persons in the work of administration and inquiry. The number of officers engaged in the different lines of work is as follows: Directors, 71; chemists, 143; agriculturists, 74; experts in animal husbandry, 14; horticulturists, 75; farm foremen, 24; dairymen, 30; botanists, 55; entomologists, 50; veterinarians, 29; meteorologists, 16; biologists, 6; physicists, 7; geologists, 6; mycologists and bacteriologists, 17; irrigation engineers, 7; in charge of substations, 10; secretaries and treasurers, 27; librarians, 10, and clerks, 51. There are also 30 persons classified under the head of "miscellaneous," including superintendents of gardens, grounds, and buildings, apiarists, herdsman, etc. Three hundred and twenty-seven station officers do more or less teaching in the colleges with which the stations are connected.

During 1900 the stations published 386 annual reports and bulletins. Besides regular reports and bulletins, a number of the stations issued press bulletins, which were widely reproduced in the agricultural and county papers. The mailing lists of the stations now aggregate half a million names. Correspondence with farmers steadily increases, and calls upon station officers for public addresses at institutes and other meetings of farmers are more numerous each year. The station officers continue to contribute many articles on special topics to agricultural and scientific journals. A number of books on agricultural subjects, written by station officers, have been published during the past year.

TABULATED STATISTICS OF THE LAND-GRANT COLLEGES AND UNIVERSITIES.

Unless otherwise specified, the statistics reported in the tables are for the institutions as designated in the list given below:

TABLE 1.—*Institutions established under the land-grant act of July 2, 1862, and their courses of study.*

[All of the institutions in this list, except those marked with an asterisk (*), maintain courses of instruction in agriculture.]

State or Territory.	Name of institution.	Location	President.	Collegiate courses of study (undergraduate).	
				Four-year courses and degrees.	Short courses.
Alabama	State Agricultural and Mechanical College (Alabama Polytechnic Institute).	Auburn	W. L. Broun, M. A., LL. D. ...	Chem. and agr., civil engin., elect. and mech. engin., phar., general course (B. S.).	Agr., mech. arts, phar. (2 yrs.).
Arizona	State Normal and Industrial School.	Normal	W. H. Conncill, Ph. D.	Sci. (B. S.), agr. (B. A. S.), mech. (B. M. S.).	Mining (2 yrs.).
Arkansas	University of Arizona	Tucson	M. M. Parker, M. A.	Lit. and sci., engin. and mining, agr. (B. S.).	Mech. engin., normal course (2 yrs.), elect. engin. (2 yrs.).
California	Arkansas Industrial University.	Fayetteville	J. L. Buchanan, M. A., LL. D. ...	Agr. full course (B. S.), agr. special course (B. A. S.), mech. engin. (B. M. E.), elect. engin. (B. E. E.), civil engin. (B. C. E.), sci. (B. S.), liberal arts (B. A.).	Normal, domestic econ., type-writing, Prep. med. (3 yrs.).
Colorado	* Branch Normal College.	Pine Bluff	J. C. Corbin	Collegiate course (B. A.)	Commercial (2 yrs.).
Connecticut	University of California.	Berkeley	B. I. Wheeler, Ph. D., LL. D. ...	Letters (B. A.), social sci. (B. L.), natural sci., commerce, agr. mech., mining, civil engin., chem. (B. S.); Agr., mech. engin., civil and irrig. engin., ladies (B. S.).	Dairy (11 weeks).
Delaware	The State Agricultural College of Colorado.	Fort Collins	B. O. Aylesworth, M. A., LL. D. ...	Clas., Lat. sci. (B. A.), agr., general sci. (B. S.), civil engin. (B. C. E.), mech. engin. (B. M. E.), elect. engin. (B. E. E.).	Agr. (2 yrs., and winter course 3 months).
Florida	Connecticut Agricultural College.	Storrs	G. W. Flint, M. A.	Clas. (B. A.) sci. (B. S.), agr. (B. Agr.), engin. (B. E.).	Normal.
Georgia	Delaware College.	Newark	G. A. Harter, M. A., Ph. D. ...	Clas. (B. A.) sci. (B. S.), Lat. sci. (B. S.) Agr., mech. (B. S.).	Business, sten. and typewriting (1 yr.). Normal (4 yrs.).
Idaho	State College for Colored Students.	Dover	W. C. Jason, M. A., B. D.	General sci., agr., civil engin., elect. engin. (B. S.).	Agr. (winter course 3 months).
Illinois	Florida Agricultural College.	Lake City	W. F. Yocum, M. A., D. D.	Collegiate (B. A.)	Normal (3 yrs.).
Indiana	Florida State Normal and Industrial College.	Tallahassee	T. De S. Tucker, M. A.		
Iowa	Georgia State College of Agriculture and Mechanic Arts.	Athens	H. C. White, Ph. D.		
Kansas	Georgia State Industrial College.	College	R. R. Wright		

Idaho	University of Idaho	Moscow	J. A. McLean, Ph. D.	Clas. (B. A.), sci. (B. S.), civil engin. (B. S.), mining engin. (B. M. E.), agr. (B. S.).	Agr. (2 yrs.), farmers' short course (6 weeks).
Illinois	University of Illinois	Urbana	A. S. Draper, LL. D.	Lit. and arts (B. A.), engin. (B. S.), sci. (B. S.), agr. (B. S.), music (B. Mus.), libr. sci. (B. L. S.), phar. (Ph. G.), phar. chem. (Ph. C.).	
Indiana	Purdue University	Lafayette	W. E. Stone, Ph. D.	Mech. engin. (B. S. M. E.), civil engin. (B. S. C. E.), elect. engin. (B. S. E. E.), agr. (B. S. Agr.), sci. (B. S.), phar. (B. S. Phar.).	Agr. (2 yrs.), winter course (11 weeks), phar. (2 yrs., Ph. G.).
Iowa	Iowa State College of Agriculture and the Mechanic Arts.	Ames	W. M. Beardshear, M. A., LL. D.	Agr. (B. Agr.), mech. engin. (B. M. E.), civil engin. (B. C. E.), elect. engin. (B. S. E. E.), mining engin. (B. S. M. E.), sci. (B. S.), general and domestic sci. for women (B. S.), vet. sci. (D. V. M.).	Dairying, animal husb.
Kansas	Kansas State Agricultural College.	Manhattan	E. R. Nichols, M. A.	Agr., mech. engin., general sci., elect. engin., domestic sci. (B. S.).	Dairy (12 weeks), apprentice shops (80 weeks), apprentice printing (80 weeks), domestic sci., agr. (24 weeks). Agr. (1 yr.), normal.
Kentucky	Agricultural and Mechanical College of Kentucky.	Lexington	J. K. Patterson, Ph. D., LL. D.	Clas. (B. A.), mech. engin. (B. M. E.), civil engin. (B. C. E.), agr. (B. Agr.), sci. (B. S.), pedag. (B. Ped.).	Normal agr., mech., domestic econ. (3 yrs.).
Louisiana	State Normal School for Colored Persons. Louisiana State University and Agricultural and Mechanical College. Southern University and Agricultural and Mechanical College. The University of Maine.	Frankfort	J. S. Hathaway, M. A., M. D.	Agr., mech. engin., sugar engin., civil engin., general sci., commercial (B. S.), Latin sci., lit. (B. A.).	Agr., mech., dairying (2 yrs.).
Maine		Baton Rouge	T. D. Boyd, M. A., LL. D.	Clas. (B. A.), sci., agr. (B. S.), mech., normal.	
		New Orleans	H. A. Hill	Clas. (B. A.), Lat. sci. (B. Ph.), sci., agr., chem., prep. med., phar., civil engin., mech. engin., elect. engin. (B. S.).	Agr. (2 yrs.), agr. (1 yr.), phar. (2 yrs.).
		Orono	A. W. Harris, D. Sc., LL. D.	Clas. (B. A.), mech., agr., sci. (B. S.).	
Maryland	Maryland Agricultural College.	College Park	R. W. Silvester	Agr. (B. S.), post-graduate courses (Ph. D.).	Agr., chem., bot., zool., hort., dairying (11 weeks).
Massachusetts	Massachusetts Agricultural College. * Massachusetts Institute of Technology.	Amherst	H. H. Goodell, LL. D.	Civil engin., mech. engin., mining engin. and metal., archi., chem., elect. engin., biol., phys., general studies, chem. engin., sanitary engin., geol., naval archi. (B. S.).	
		Boston	Henry S. Pritchett	Agr., mech., women's (B. S.)	Cheese making (4 weeks), home dairying, creamery management and butter making, dairy husb., fruit culture (6 weeks each), beet-sugar production (22 weeks).
Michigan	Michigan State Agricultural College.	Agricultural College.	J. L. Snyder, M. A., Ph. D.		

TABLE 1.—*Institutions established under the land-grant act of July 2, 1862, and their courses of study—Continued.*

State or Territory.	Name of institution.	Location.	President.	Collegiate courses of study (undergraduate).	Short courses.
Minnesota	The University of Minnesota.	Minneapolis.....	C. Northrop, LL. D.	Class. (B. A.), sci. (B. S.), lit. (B. L.), civil engin. (B. C. E.), mech. engin. (B. M. E.), elect. engin. (B. E. E.), mining, metal., chem. (B. M. M. & C.), agr. (B. Agr.).	Agr., mech. arts, vet. sci. (2 yrs. each); agr. (10 weeks). Business, carpentry, agr., shoemaking, blacksmithing, painting.
Mississippi.....	Mississippi Agricultural and Mechanical College. Alcorn Agricultural and Mechanical College.	Agricultural College. Westside	J. C. Hardy, M. A. W. H. Lanier, B. A.	Scientific (B. S.)	Surveying, agr. (2 yrs.), agr., hort. (12 weeks).
Missouri.....	College of Agriculture and Mechanic Arts of the University of Missouri.	Columbia	R. H. Jesse, LL. D.	Agr. (B. Agr.), civil engin. (B. S. C. E.), mech. engin., mining engin. (B. S. M. E.), elect. engin. (B. S. E. E.), sanitary engin., chem., metal., archi. (B. S.).	Chem. and assaying, mining, surveying, elect. (2 yrs.).
Montana	*School of Mines and Metallurgy of the University of Missouri. Lincoln Institute. The Montana College of Agriculture and Mechanic Arts.	Rolla	G. E. Ladd	Collegiate (B. A.), normal. General sci., home sci. (B. S.), agr. (B. S. Agr.), chem. (B. A. C.), mech. engin. (B. M. E.), elect. engin. (B. E. E.), civil engin. (B. C. E.), biol. (B. S.).	Agr. (3 yrs.).
Nebraska.....	The University of Nebraska.	Lincoln	E. B. Andrews, LL. D.	Class., lit. (A. B.), general sci., agr., civil engin., elect. engin., municipal engin., mech. engin. (B. S.).	Agr. (3 yrs.), mech. arts, domestic sci. (2 yrs.).
Nevada.....	Nevada State University	Reno	J. E. Stubbs, M. A., D. D., LL. D.	Liberal arts (B. A.), mining agr., domestic sci., mech. engin., civil engin., gen. sci., commerce (B. S.), pedag. Agr., biol., chem., mech. engin., elect., tech. chem., general (B. S.).	Agr., dairying, domestic sci. (2 months).
New Hampshire.....	The New Hampshire College of Agriculture and the Mechanic Arts.	Durham	C. S. Murkland, M. A., Ph. D., D. D.	Agr., civil engin. and mech., chem., elect., biol. (B. S.).	Agr. (2 yrs.), agr. (winter course, 10 weeks), dairying (10 weeks).
New Jersey.....	Burgers Scientific School (The New Jersey State College for the Benefit of Agriculture and the Mechanic Arts).	New Brunswick	Austin Scott, Ph. D., LL. D.	Agr., mech. engin., civil engin., sci. (B. S.).	Sten., typewriting (1 yr.).
New Mexico.....	The New Mexico College of Agriculture and Mechanic Arts.	Mesilla Park.....	F. W. Sanders, Ph. D.	Arts (B. A.), civil engin. (C. E.), mech. engin. (M. E.), elect. engin. (E. E.), archi. (B. Arch.), agr. (B. S. A.), for. (B. S. F.), med. (M. D.), vet. sci. (D. V. M.).	Agr. (1 term).
New York	Cornell University	Ithaca.....	J. G. Schurman, M. A., D. Sc., LL. D.		

North Carolina	The North Carolina College of Agriculture and Mechanic Arts.	West Raleigh.....	G. T. Winston, LL. D.....	Agr. (B. Agr.), mech. engin., civil engin., elect. engin., chem. engin., textile sci. and art (B. E.).	Agr. (3 months), agr., mech. arts, textile industry (2 yrs., no degree), blacksmithing, carpentry, dairying, hort.
North Dakota	The Agricultural and Mechanical College for the Colored Race.	Greensboro.....	J. B. Dudley, M. A.....	Agr., mech., domestic sci. (B. S., B. Agr.).	
Ohio.....	North Dakota Agricultural College.	Agricultural College, Columbus	J. H. Worst, LL. D.....	Agr., sci., mech. (B. S.)	Agr. (2 yrs., no degree), farm school (3 mos.), engin. (1 yr.).
	Ohio State University .....	.....	W. O. Thompson, D. D.....	Agr., arts, archi., clay working and ceramics, chem., domestic economy, civil engin., elect. engin., mech. engin., mining engin., hort. and for., indus. arts, manual training, Engl. philos., lat. philos., modern lang., philos., phar., sci. vet. med., law.	Agr., ceramics, domestic economy, indus. arts, mining, phar. (2 yrs. each), law, journalism (3 yrs. each), dairying (3 months).
Oklahoma.....	Oklahoma Agricultural and Mechanical College.	Stillwater	A. C. Scott, M. A., LL. M.....	Agr., general sci. and lit., hort., vet. sci., mech. engin., chem., biol., bot. (B. S.).	Agr., mech. arts (8 weeks, winter course), household economy, sten. and typewriting, printing.
	Agricultural and Normal University.	Langston.....	Imman E. Page, M. A	Clas. (B. A.), sci. (B. S.), normal (B. S. D.), agr. (B. S. Agr.), elect. engin., mech. engin., civil arch. (B. M. E.).	Normal elementary (4 years), college prep. (3 years).
Oregon	Oregon State Agricultural College.	Corvallis	T. M. Gatch, M. A., Ph. D.....	Agr. mech. arts, household sci., phar. (B. S.).	Farmers' (4 weeks).
Pennsylvania	The Pennsylvania State College.	State College	G. W. Atherton, LL. D.....	Clas. (B. A.), general sci., lat. sci., philos., agr., biol., chem., civil engin., elect. engin., math., mech. engin., mining engin., phys. (B. S.).	Chem., mech., mining (2 yrs. each), agr., dairy, creamery-men's (6 weeks each), Chautauqua.
Rhode Island.....	Rhode Island College of Agriculture and Mechanic Arts.	Kingston	J. H. Washburn, Ph. D.....	Agr., mech. engin., chem., biol., elect. engin. (B. S.).	Poultry school (6 weeks), hort. (2 weeks), nature study (2 weeks, summer).
South Carolina	Clemson Agricultural College.	Clemson College, Orangeburg	H. S. Hartzog, LL. D..... T. E. Miller, LL. D.....	Agr., mech. textile (B. S.)	
	The Colored Normal, Industrial, Agricultural, and Mechanical College of South Carolina.	.....	.....	Regular course (B. A.), mech. (B. S.), agr. (B. Agr.).	
South Dakota.....	South Dakota Agricultural College.	Brookings	J. W. Heston, Ph. D., LL. D.....	Agr., domestic sci., mech. arts, elect. engin., hort., phar. (all 5 yrs.) (B. S.).	Phar. (2 yrs.), engin., drawing (24 weeks), dairying, agr., hort., domestic sci. (12 weeks), sten. and typewriting, commercial sci. (1 yr.), music.
Tennessee	University of Tennessee.....	Knoxville.....	C. W. Babney, Ph. D., LL. D.....	Literary (B. A.), agr., civil engin., mech. engin., elect. engin., chem. engin. (B. S.), phar. (Ph. C.).	Phar. (2 yrs., Ph. C.), agr. and hort. (12 weeks).
Texas.....	State Agricultural and Mechanical College of Texas, Prairie View State Normal School.	College Station.....	L. L. Foster	Agr., hort., mech., civil engin. (B. S.).....	
	The Agricultural College of Utah.	Prairieview	L. C. Anderson, M. A.....		
Utah.....	.....	Logan	W. J. Kerr, B. S., D. Sc.....	Agr., civil engin., mech. engin., domestic arts, commercial, general sci. (B. S.).	Agr., domestic arts, commercial (2 yrs. each), mech. arts (3 yrs.).

TABLE 1.—*Institutions established under the land-grant act of July 2, 1862, and their courses of study—Continued.*

State or Territory.	Name of institution.	Location.	President.	Collegiate courses of study (undergraduate).	
				Four-year courses and degrees.	Short courses.
Vermont	University of Vermont and State Agricultural College.	Burlington	M. H. Buckham, D. D., LL.D.	Clas. (B. A.), lit. sci. (Ph. B.), civil and sanitary engin., elect. engin., mech. engin., chem. agr. (B. S.), commerce and econ. (B. A. or Ph. B.).	Dairy (4 weeks).
Virginia	Virginia Polytechnic Institute (State Agricultural and Mechanical College). The Hampton Normal and Agricultural Institute.	Blacksburg	J. M. McBryde, Ph. D., LL.D.	Agr., hort., applied chem., general sci., civil engin., mech. engin., elect. engin. (B. S.), prep. for med.	Agr., mech. (2 yrs., certificate).
		Hampton	H. B. Frissell, D. D.	.....	Academic (3 yrs.), trade courses (3 yrs.), Post-graduate courses: Agr., trades (3 yrs.), normal (2 yrs.), business (1 yr.).
Washington	Washington Agricultural College and School of Science.	Pullman	E. A. Bryan, M. A.	Math. and civil engin., chem., bot. and zool., agr. hort., economic sci. and hist., mech. engin., mining engin. (B. S.), Engl. lang. and lit., modern lang. (B. L.).	Supplementary courses in phys., geol. and mineralogy. Latin, education; schools of phar., farming, dairying, vet. sci., normal business, applied steam and elect., prep. (2 yrs.).
West Virginia	West Virginia University	Morgantown	J. H. Raymond, Ph. D.	General culture courses (B. A.), mech. engin. (B. S. M. E.), civil engin. (B. S. C. E.), agr. (B. S. Agr.).	Agr. (2 yrs. B. Agr.), mech. and elect. (2 yrs.).
		Institute	J. McH. Jones.	Academic, normal, agr., and mech.	
Wisconsin	The West Virginia Colored Institute. University of Wisconsin.	Madison	C. K. Adams, LL.D.	Ancient clas. (B. A.), modern clas., civit. hist., Engl. (B. L.) general sci. (B. S.), civil engin. (B. S. C. E.), mech. engin. (B. S. M. E.), elect. engin. (B. S. E. E.), agr. (B. S. Agr.), phar. (B. S. Ph.).	Music, agr. (2 winter courses 14 weeks each), dairy school (12 weeks).
Wyoming	University of Wyoming	Laramie	E. E. Smiley, D. D.	Clas., lit. sci. (B. A.), normal (B. Ped.), agr., mech., engin. school of mines (B. S.).	Commercial (2 yrs.), agr. (1 to 2 yrs.), school of mines (6 weeks).

TABLE 2.—General statistics of land-grant colleges, 1900.

State or Territory.	Date of establishment of institution.	Date of establishment of agricultural course.	Faculty.				Experiment-station officers.	Graduates.			Number of acres allotted to State under act of 1862.	Number of acres of land in farm and grounds, 1862 still unsold.	Rate of interest on land-grant fund of 1862.
			College of agriculture and mechanic arts.		Other departments.	In 1899-1900.		Total number since organization.					
			Preparatory classes.	Collegiate and special classes.		Number.			Average age.				
Alabama (Auburn).....	1872	1872	3	27	129	16	13	54	J. M.	584	240,000	304	Per cent. 8
Alabama (Normal).....	1875	1882	8	17	25	3	9	4	21	584	.....	182	.....
Arizona.....	1891	1891	13	16	122	3	4	21	15	15	.....	80	.....
Arkansas (Fayetteville).....	1872	1872	20	27	137	.....	4	22	215	15,499	150,000	160	8
Arkansas (Pine Bluff).....	1875	.....	5	5	113	5	.....	23	23	5,060	.....	20	.....
California.....	1868	1868	74	74	74	15	30	278	21,334	99,000	150,000	4,194	6
Colorado.....	1877	1878	31	31	31	.....	16	26	148	10,000	90,000	240	6
Connecticut.....	1881	1881	1	16	17	2	7	18	19	8,000	180,000	300	5
Delaware (Newark).....	1870	1870	19	19	19	.....	8	14	22	366	90,000	14	6
Delaware (Dover).....	1892	1892	3	3	6	.....	.....	23	10	500	.....	97	.....
Florida (Lake City).....	1884	1884	2	16	18	14	11	3	54	3,500	90,000	155	.....
Florida (Tallahassee).....	1887	1890	14	20	20	.....	8	21	26	1,428	300,000	137	.....
Georgia (Athens).....	1872	1872	.....	20	20	.....	.....	8	20	356	.....	120	7
Georgia (College).....	1890	1890	2	14	115	.....	.....	22	37	700	.....	86	.....
Idaho.....	1892	1892	5	14	19	2	11	10	23	33	90,000	115	.....
Illinois.....	1867	1868	7	118	125	99	12	188	22	1,997	480,000	665	5
Indiana.....	1874	1874	.....	67	67	4	11	102	22	1,161	330,000	190	5
Iowa.....	1869	1869	.....	62	62	.....	20	71	22	1,038	204,309	878	6, 7, 8
Kansas.....	1863	1874	3	50	53	53	15	58	22	755	38,450	323	5, 5½, 6, 7
Kentucky (Lexington).....	1865	1880	4	14	18	7	11	19	22	191	330,000	169	6
Kentucky (Frankfort).....	1887	1892	5	3	8	.....	.....	19	83	.....	.....	295	.....
Louisiana (Baton Rouge).....	1877	1887	3	18	21	21	21	17	21	236	210,000	583	4, 5
Louisiana (New Orleans).....	1880	1890	7	8	15	.....	.....	19	19	162	210,000	104	.....
Maine.....	1865	1868	43	43	43	8	14	90	23	3,853	.....	373	5
Maryland.....	1859	1859	1	16	17	.....	16	15	23	5,000	.....	286	5, 6
Massachusetts (Amherst).....	1867	1867	.....	21	21	.....	9	22	22	21,075	360,000	425	5
Massachusetts (Boston).....	1865	.....	54	54	54	118	16	178	22	64,821	235,682	676	7
Michigan.....	1855	1855	43	43	43	.....	16	23	24	813	23,862	4	.....
Minnesota.....	1863	1869	.....	.....	166	169	15	178	25	2,314	235,682	676	7
Mississippi (Agricultural College).....	1880	1880	4	16	20	11	11	17	23	3,311	94,000	300	3, 4, 5
Mississippi (Westside).....	1871	1878	12	4	16	.....	.....	17	23	261	207,920	1,960	6
Missouri (Columbia).....	1870	1870	53	53	53	30	14	89	23	121	270,000	300	5
Missouri (Rolla).....	1870	.....	11	11	11	7	10	10	23	1,974	277,016	800	.....
Missouri (Jefferson City).....	1866	1866	3	13	13	.....	7	18	23	114	4,046	20	.....
Montana.....	1893	.....	2	17	19	.....	7	3	19	139	90,000	43	.....
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11	90,000	215	.....

1 Total, counting none twice.

2 Not including professional departments which derive no aid from university revenues.

TABLE 2.—General statistics of land-grant colleges, 1900—Continued.

State or Territory.	Date of establishment of institution.	Date of establishment of agricultural course.	Faculty.			Experiment-station officers.	Graduates.			Number of acres of land of grant of 1862 still unsold.	Number of acres allotted to State under act of 1862.	Number of acres in farm and grounds.	Rate of interest on land-grant fund of 1862.	
			College of agriculture and mechanic arts.		Other departments.		In 1899-1900.		Total number since organization.					
			Preparatory classes.	College and special classes.			Total.	Number.						Average age.
Nebraska.....	1869	1869	71	71	.....	17	195	.....	1,432	54,000	89,438	.....	.....
Nevada.....	1873	1888	9	125	.....	9	23	.....	.....	13,871	90,000	.....	Per cent. 43, 6
New Hampshire.....	1866	1866	5	20	123	15	12	20	.....	149	.....	35	.....
New Jersey.....	1864	1865	11	25	134	8	41	21	216	11,253	210,000	342	.....
New Mexico.....	1889	1890	4	20	123	15	3	23	7	395	.....	97	.....
New York.....	1865	1865	20	20	.....	15	3	23	28	46,381	.....	270	.....
North Carolina (West Raleigh).....	1889	1889	25	25	.....	19	361	.....	5,632	277,676	990,000	592	.....
North Carolina (Greensboro).....	1891	1891	7	5	19	13	23	21	137	4,400	270,000	125	.....
North Dakota.....	1890	1890	12	24	124	.....	.....	11	.....	749	.....	.....	.....
Ohio.....	1870	1873	79	79	36	12	2	20	19	8,250	90,000	640	.....
Oklahoma (Stillwater).....	1891	1892	2	18	.....	10	122	22	1,105	45,000	630,000	345	.....
Oklahoma (Langston).....	1897	1899	7	7	.....	10	6	21	30	9,607	.....	200	.....
Oregon.....	1868	1888	27	128	.....	12	35	21	.....	10	160	160	.....
Pennsylvania.....	1865	1869	4	38	138	15	45	23	371	3,000	90,000	199	.....
Rhode Island.....	1888	1890	6	20	26	15	13	20	600	16,536	780,000	400	.....
South Carolina (Clemson College).....	1889	1893	5	26	31	14	28	22	83	15,000	50,000	178	.....
South Carolina (Orangeburg).....	1896	1896	10	5	19	14	2	22	106	5,700	.....	1,200	.....
South Dakota.....	1881	1884	5	23	27	12	2	21	74	950	.....	430	.....
Tennessee.....	1794	1869	33	33	46	9	24	21	165	15,900	120,000	400	.....
Texas (College Station).....	1871	1871	24	24	.....	14	25	23	.....	30,100	.....	230	.....
Texas (Prairieview).....	.....	.....	14	14	7	.....	.....	5	376	9,000	180,000	2,416	6, 7
Utah.....	1888	1889	12	16	28	12	8	22	222	900	.....	1,500	.....
Vermont.....	1865	1885	34	34	34	10	41	22	80	12,642	200,000	110	.....
Virginia (Blacksburg).....	1872	1872	31	34	29	13	44	22	3,475	89,433	150,000	120	.....
Virginia (Hampton).....	1865	1890	32	44	76	10	33	19	288	4,500	300,000	404	.....
Washington.....	1892	1892	12	28	40	12	22	22	1,063	10,000	.....	795	.....
West Virginia (Morgantown).....	1867	1867	7	44	11	12	11	23	40	7,021	190,000	242	.....
West Virginia (Institute).....	1891	1892	1	1	12	12	43	21	667	17,700	90,000	125	.....
Wisconsin.....	1848	1866	31	50	81	21	288	22	.....	1,910	240,000	30	.....
Wyoming.....	1887	1891	13	13	13	8	15	23	4,321	78,354	.....	400	.....
Total.....	.....	.....	333	1,642	2,013	611	3,114	21	41,690	1,469,318	9,660,379	23,836	.....

1 Total, counting none twice.

TABLE 3.—Students, by classes and courses, at land-grant colleges in 1900.

State or Territory.	By classes.					By courses.											
	Preparatory classes.	Freshmen.	Sophomores.	Juniors.	Seniors.	Special. ¹	Post graduate.	Total.	Agriculture.	Mechanical engineering.	Civil engi- neering.	Electrical en- gineering.	Mining engi- neering.	Architecture.	Household economy.	Veterinary science.	Military tac- tics.
Alabama (Auburn)	38	102	52	60	56	65	11	384	128	57	12	61			288	39	314
Alabama (Normal)	488	7	1	3				499	20								21
Arizona	104	8	8	5	4	28	4	161			5		28		25		90
Arkansas (Fayetteville)	68	98	48	32	24	384	1	655	19	11	29	25					430
Arkansas (Pine Bluff)	52	23	14	1	2	123		215							40		
California	462	358	290	275	275	1,255	21	2,661	463	236	389	89	398	2		2	704
Colorado	108	64	32	28	30	94	7	363	16	66	34				44	14	214
Connecticut	14	28	17	16	10	12		97	29	15	1				27	6	58
Delaware (Newark)		31	20	16	15		4	86	5	7	12	8				5	
Delaware (Dover)	20	10	7	3	1			41	1						20		
Florida (Lake City)	51	21	10	16	3	130	4	235	41	20							152
Florida (Tallahassee)	209							209	29	23				3	48	29	93
Georgia (Athens)								95	17		20	30					
Georgia (College)	269	21	23	20	10			434									128
Idaho	109	57	14	8	2	130		246	9		6		13			41	384
Illinois	227	224	208	176	147	1,180	72	2,231	86	89	105	76		56		81	
Indiana		241	160	127	71	198	52	849	128	202	106	193			20	49	544
Iowa	186	314	163	109	69	188	27	1,094	154	81	74	164	21		92		491
Kansas	102	141	81	45	34	143	9	555	5	95	28	1					437
Kentucky (Lexington)																	
Kentucky (Frankfort)	61	37	24	15		31	2	170	72	59					70	15	304
Louisiana (Baton Rouge)	137	100	66	30	17	18	3	371	35	38	29						
Louisiana (New Orleans)	163	2				214		379	37	65				21			
Maine		114	76	50	63	54	8	365	11	37	77	84					
Maryland	30	40	20	7	12	11		123	12	25	8					8	120
Massachusetts (Amherst)	38	45	25	30	27	10	12	255	11	12	3					8	82
Massachusetts (Boston)	374	326	294	273	273	1,277		1,277	165					53	109	62	240
Michigan	202	152	131	71	48	64	5	542	198	245	113	84	60	53	80	259	423
Minnesota	77	327	210	148	131	2,346	2	3,241	503	53	57	64	77				25
Mississippi (Agricultural College)	137	107	45	25	17	49	6	386	367	333		2					
Mississippi (Westside)	306	11	8	6	7	339		678									
Missouri (Columbia)	193	92	41	42	20	846	13	1,206	125	18	49	38	100	13		39	290
Missouri (Rolla)																	
Missouri (Jefferson City)	49																
Montana	65	17	11	6	3	66		278	14	11			5		49		
Nebraska	92	324	202	255	203	1,225	46	2,347	129	80	57		99		11		70
Nevada	137	56	36	24	22	36	11	321	2	7	6		58				156
New Hampshire	15	4	12	10	13	46	3	143	40	15		2				85	

¹ Under this head are enumerated students in undergraduate courses not included in the preceding columns.

TABLE 3.—Students, by classes and courses, at land-grant colleges in 1900—Continued.

State or Territory.	By classes.						By courses.										
	Preparatory classes.	Freshmen.	Sophomores.	Juniors.	Seniors.	Special. ¹	Postgraduate.	Total.	Agriculture.	Mechanical engineering.	Civil engineering.	Electrical engineering.	Mining engineering.	Architecture.	Household economy.	Veterinary science.	Military tactics.
New Jersey.....	172	43	40	20	23	116	1	414	46	7	34	14					129
New Mexico.....	143	12	6	8	4	31	1	205	1	1	1						
New York.....		770	484	383	399	89	174	2,299	171	571	293			43		30	400
North Carolina (West Raleigh).....		164	54	34	27	14	9	302	25	107	86	73		46		25	272
North Carolina (Greensboro).....	140	3	8	2	8	13	5	179	26	7				5	62		
North Dakota.....	113	2	8	8	2	185	1	319	110	50		99	28	9	40	38	101
Ohio.....	453	95	345	211	193	35	15	1,252	44	91	80	99	28	9	35	22	350
Oklahoma (Stillwater).....	138		32	9	6	82	4	366	36	44		6				8	
Oklahoma (Langston).....						172		172	93								
Oregon.....	42	145	71	40	36	49	19	405	48	99		6			96		240
Pennsylvania.....	46	120	56	58	43	42	2	367	11	59	34	92	22				295
Rhode Island.....	31	29	6	15	15	70	5	171	25	20		7					78
South Carolina (Clemson College).....	136	141	104	42	28	9	1	461	55	118	6	40				55	46
South Carolina (Orangeburg).....									98	65							
South Dakota.....	129		19	25	18	219	9	446	36	56		5		7	200		300
Tennessee.....	114	69	28	28	25	501	10	750	79	266					78		164
Texas (College Station).....	136	143	72	72	25	14	6	396	190	242	83					21	390
Texas (Prairieview).....	112	75	66	66	22	115	6	396	68	68					140		
Utah.....	389	59	13	8	8	9	2	488	9	4	8				5	9	244
Vermont.....	97	63	63	63	55	240	5	523	23	23	28	23				23	196
Virginia (Blacksburg).....	101	104	55	55	26	35	22	343	98	122	33	89				12	313
Virginia (Hampton).....	732	99	156	43		1	26	1,057	474	4		4			223		390
Washington.....	240	37	29	16	14	44	6	386	18	5	8	23	34			3	195
West Virginia (Morgantown).....	242	48	49	52	62	314	40	807	32	14	38				11	14	144
West Virginia (Institute).....									7			3		34	85	250	60
Wisconsin.....	372	367	370	281	305	714	13	2,422	381	76	110	108					505
Wyoming.....		25	10	7	14	132		188	2	13		11					66
Total.....	6,541	7,512	5,036	3,648	3,072	12,964	732	39,505	5,066	3,932	1,964	1,617	950	292	1,908	1,167	11,506

¹ Under this head are enumerated students in undergraduate courses not included in the preceding columns.² Includes civil and electrical engineering.

TABLE 4.—*Value of permanent funds and equipment of land-grant colleges, 1900.*

State or Territory.	Land-grant fund of 1862.	Other land-grant funds.	Other permanent funds.	Land-grant of 1862 still unsold.	Farm and grounds owned by the institution.	Buildings.	Apparatus.	Machinery.	Library.	Miscellaneous equipment.	Total.
Alabama (Auburn)	\$253,500.00				\$3,000.00	\$144,500.00	\$20,000.00	\$25,000.00	\$25,000.00	\$5,000.00	\$476,000.00
Alabama (Normal)					10,000.00	29,653.54	9,063.27		1,700.90		50,357.71
Arizona					3,000.00	98,600.00	10,000.00	25,000.00	12,000.00	10,000.00	158,600.00
Arkansas (Fayetteville)	130,000.00				9,600.00	233,500.00	7,931.00	21,657.69	10,000.00	1,383.56	411,072.25
Arkansas (Pine Bluff)					32,000.00	18,000.00	1,500.00	10,000.00	4,000.00	1,000.00	66,500.00
California		\$74,962.27	\$2,021,608.86	\$20,972.35	1,125,354.00	158,744.00	46,000.00	15,500.00	150,000.00	1,225,000.00	5,068,824.78
Colorado	731,683.30			150,000.00	30,000.00	153,791.00	6,719.00	23,750.00	20,000.00	3,000.00	5,068,824.78
Connecticut	84,011.25				3,000.00	75,000.00	6,719.00	11,000.00	21,500.00	1,500.00	212,665.00
Delaware (Newark)	135,000.00				6,000.00	79,700.00	23,750.00	11,000.00		19,000.00	223,450.00
Delaware (Dover)	83,000.00				11,000.00	12,800.00	5,000.00	10,000.00		18,800.00	27,800.00
Florida (Lake City)	151,783.00		12,500.00		8,805.00	50,000.00			900.00		246,583.00
Florida (Tallahassee)					7,000.00	20,500.00		28,644.00			51,349.00
Georgia (Athens)	243,000.00				15,000.00	300,000.00	6,000.00		200.00	500.00	550,000.00
Georgia (College)					7,500.00	175,000.00	5,000.00	3,500.00	7,000.00	2,500.00	1,112,910.67
Illinois	501,992.23	6,638.35	5,772.32	900,000.00	150,000.00	1,000,000.00	150,000.00	50,000.00	65,000.00	100,000.00	2,106,492.23
Indiana	340,000.00			80,000.00	60,000.00	357,000.00	117,250.00	161,750.00	19,000.00		1,055,000.00
Iowa	589,379.01		93,454.51	36,975.45	57,767.80	460,975.00		263,758.00	23,200.00	1,236,584.10	1,498,335.87
Kansas	303,848.03			720.00	39,700.00	255,600.00		35,290.00	8,200.00	124,017.44	1,022,963.47
Kentucky (Lexington)	165,000.00				290,000.00	125,500.00	38,900.00	22,200.00	35,290.00	6,900.00	656,700.00
Kentucky (Frankfort)	20,925.00		3,000.00		25,000.00	20,000.00	250.00	4,000.00	500.00	2,000.00	79,155.00
Louisiana (Baton Rouge)	182,313.03	3,480.00			33,300.00	150,000.00				350,000.00	551,613.03
Louisiana (New Orleans)		136,000.00			22,000.00	45,395.00	2,975.00	4,380.00	3,900.00	5,990.00	84,640.00
Maine	118,300.00		100,000.00		9,325.00	220,900.00	35,400.00	26,340.00	18,650.00	22,000.00	550,915.00
Maryland	115,943.00				28,600.00	85,000.00		232,000.00			261,543.00
Massachusetts (Amherst)	219,000.00		141,575.35		37,000.00	717,038.74	17,059.14	91,140.00	20,040.00	47,726.92	696,376.41
Massachusetts (Boston)		2,498,925.68				717,038.74	250,000.00		116,702.00		3,673,806.42
Michigan	904,400.00				47,320.00	341,075.00					1,292,855.00
Minnesota	570,355.59	703,531.80	1,308,814.55	240.00	375,000.00	1,000,000.00	90,000.00	50,000.00	75,000.00	60,000.00	4,292,921.94
Mississippi (Agricultural College)	98,575.00				42,065.00	136,800.00	12,095.97	27,669.43	11,836.14	41,919.44	371,470.98
Mississippi (Westside)	113,375.00	10,000.00	95,000.00		5,000.00	60,000.00	2,000.00	5,000.00	3,000.00	1,500.00	294,875.00
Missouri (Columbia)	349,881.19	222,000.00	663,958.23	57,000.00	234,826.00	175,000.00	55,000.00	29,000.00	49,000.00	12,000.00	1,847,665.42
Missouri (Rolla)			2,000.00		6,000.00	62,500.00	14,000.00	12,000.00	8,490.00	3,000.00	107,990.00
Missouri (Jefferson City)					4,300.00	59,500.00	5,600.00	5,300.00	400.00		75,100.00
Montana				225,000.00	10,000.00	110,000.00	25,000.00	10,000.00	10,000.00	20,000.00	410,000.00
Montana ¹	130,274.38	76,111.63			350,000.00	455,000.00		2,223,484.00	110,626.00	21,670.00	1,367,166.01
Nevada	93,000.00				30,000.00	142,974.66	17,564.37	10,225.85	17,143.37	30,818.11	337,726.36
New Hampshire	80,000.00		50,000.00		20,500.00	84,016.24		259,428.73	9,000.00		303,004.97
New Jersey			500,000.00		30,000.00	366,500.00					1,082,500.00
New Mexico	116,000.00				6,000.00	44,000.00	14,500.00	18,000.00	9,400.00	6,900.00	98,800.00

¹ Includes apparatus and machinery.² Includes apparatus.³ Includes apparatus, machinery and library.⁴ For year ended November 30, 1900.

TABLE 4.—*Value of permanent funds and equipment of land-grant colleges, 1900—Continued.*

State or Territory.	Land-grant fund of 1892.	Other land-grant funds.	Other permanent funds.	Land-grant of 1862 still unsold.	Farm and grounds owned by the institution.	Buildings.	Apparatus.	Machinery.	Library.	Miscellaneous equipment.	Total.
New York.....	\$688,572.12		\$5,778,910.63		\$103,468.91	\$1,874,372.86	\$10,400.00	\$8,756.00	\$5,000.00	\$6,150.00	\$8,445,324.52
North Carolina (West Raleigh).....	125,000.00		15,385.60		26,189.35	87,395.71	9,070.12	8,929.88	1,000.00		281,676.89
North Carolina (Greensboro).....					9,000.00	42,300.00	15,000.00	3,000.00	15,000.00		70,300.00
North Dakota.....				\$900,000.00	28,800.00	91,000.00	170,000.00	25,000.00	75,000.00	500.00	1,056,900.00
Ohio.....	524,176.30	\$29,717.32	176,058.15		1,500,000.00	779,000.00	27,354.38	18,270.00	11,863.71	2,874.00	3,338,951.77
Oklahoma (Stillwater).....					5,000.00	53,000.00	1,500.00	8,000.00	1,000.00	2,000.00	118,362.69
Oklahoma (Langston).....					3,600.00	15,000.00	5,000.00	13,500.00	4,500.00		31,100.00
Oregon.....	140,694.38				15,000.00	91,000.00		260,000.00	25,000.00		272,694.38
Pennsylvania.....	427,290.50		89,709.50		40,000.00	750,000.00		83,116.81	14,000.00		1,392,000.00
Rhode Island.....	50,000.00				18,000.00	164,000.00		288,713.00	5,000.00		339,849.00
South Carolina (Glemson College).....	95,900.00				35,000.00	240,000.00				6,000.00	470,613.00
South Carolina (Orangeburg).....					39,000.00						39,000.00
Tennessee.....	396,000.00		39,000.00	1,200,000.00	12,000.00	115,500.00	3,000.00	3,000.00	3,000.00	1,000.00	1,376,500.00
Texas (College Station).....	209,000.00		29,000.00		286,250.00	180,000.00	15,855.21	18,376.00	18,700.00	6,030.00	950,205.21
Texas (Prairieview).....			18,000.00		48,320.00	331,155.00			5,500.00	343,521.01	656,496.01
Utah.....					15,000.00	78,600.00	2,235.35	4,452.00	500.00	1,000.00	101,787.35
Vermont.....	135,500.00		416,000.00		11,800.00	158,375.00	7,150.32	15,438.78	5,580.87	17,500.97	215,855.91
Virginia (Blacksburg).....	344,312.00				9,500.00	479,397.85	70,000.00	275,600.00	5,000.00		1,225,397.85
Virginia (Hampton).....	172,156.00				30,000.00	161,250.00			4,500.00		616,162.00
Washington.....			889,590.42		57,000.00	500,000.00			5,419.36		1,818,746.42
West Virginia (Morgantown).....	90,000.00				15,000.00	200,000.00	25,000.00	261,007.65	30,000.00	5,000.00	281,427.01
West Virginia (Institute).....					2,500.00	275,000.00					485,000.00
Wisconsin.....	302,000.00				75,000.00	1,133,944.00		2242,700.00	104,200.00	50,000.00	2,137,844.00
Wyoming.....		230,000.00			28,600.00	111,510.00	23,439.22	19,436.59	10,000.00	5,700.00	198,715.81
Total.....	10,725,180.31	1,528,441.37	15,017,963.80	3,570,907.80	5,659,731.26	16,784,968.63	1,456,619.19	1,738,369.88	1,326,889.13	1,519,048.33	59,325,119.70

¹ Includes grounds.² Includes apparatus.³ Includes apparatus and machinery.

TABLE 5.—*Revenue of land-grant colleges for year ended June 30, 1900.*

State or Territory.	Interest on land-grant of 1862.	Interest on other funds.	United States appropriation (act of 1890).	State appropriation (annual or regular).	State appropriation (occasional).	Tuition fees.	Incidental fees.	Miscellaneous.	Total.	United States appropriation for experiment stations (act of 1887).
Alabama (Auburn).....	\$20,280.00	.....	\$13,775.00	\$11,779.82	.....	\$820.00	\$1,667.50	\$2,402.57	\$50,524.89	\$15,000.00
Alabama (Normal).....	.....	.....	11,225.00	4,000.00	.....	.....	.....	.....	15,225.00	.....
Arizona.....	.....	.....	25,000.00	10,000.00	.....	.....	2,294.65	.....	37,294.65	15,000.00
Arkansas (Fayetteville).....	10,400.00	.....	18,181.82	30,000.00	\$3,229.54	400.00	3,000.00	.....	65,811.36	15,000.00
Arkansas (Pine Bluff).....	.....	.....	6,818.18	3,250.00	.....	400.00	.....	.....	10,528.18	.....
California.....	43,860.00	\$14,865.43	25,000.00	236,298.28	.....	.....	.....	10,230.35	400,254.00	15,000.00
Colorado.....	10,913.09	.....	25,000.00	32,507.29	.....	.....	.....	3,149.00	71,569.38	15,000.00
Connecticut.....	6,750.00	.....	25,000.00	15,000.00	.....	.....	.....	15,000.00	61,750.00	7,500.00
Delaware (Newark).....	4,980.00	.....	20,000.00	.....	.....	120.00	1,472.00	.....	27,898.31	15,000.00
Delaware (Dover).....	.....	.....	4,800.00	.....	.....	.....	.....	1,805.90	6,605.90	.....
Florida (Lake City).....	9,107.00	.....	12,500.00	.....	7,500.00	.....	378.00	.....	16,878.00	15,000.00
Florida (Tallahassee).....	16,954.14	.....	12,500.00	4,000.00	.....	.....	.....	.....	33,620.81	15,000.00
Georgia (Athens).....	.....	.....	16,666.67	.....	.....	.....	.....	.....	16,333.33	.....
Georgia (College).....	.....	.....	8,333.33	8,000.00	.....	.....	.....	.....	16,333.33	.....
Illinois.....	41,457.10	.....	25,000.00	10,000.00	7,000.00	.....	.....	612.00	42,612.00	15,000.00
Indiana.....	17,000.00	.....	25,000.00	135,000.00	132,450.00	.....	3,111,871.67	22,340.01	408,118.78	15,000.00
Iowa.....	41,018.74	5,838.31	25,000.00	65,933.90	1,949.42	25,243.78	23,801.88	6,836.63	140,581.83	15,000.00
Kansas.....	27,160.00	.....	25,800.53	10,000.00	80,300.00	.....	.....	.....	97,901.36	15,000.00
Kentucky (Lexington).....	4,322.25	82.97	25,000.00	30,779.74	.....	1,674.65	390.00	25,800.00	142,460.00	15,000.00
Kentucky (Frankfort).....	1,255.50	.....	21,375.00	3,000.00	.....	.....	160.00	68.00	84,424.61	15,000.00
Louisiana (Baton Rouge).....	9,115.69	5,440.00	12,106.85	12,000.00	3,500.00	.....	1,852.50	4,580.20	48,585.24	15,000.00
Louisiana (New Orleans).....	.....	.....	12,893.15	10,000.00	.....	.....	.....	.....	8,108.50	.....
Maine.....	5,915.00	4,000.00	25,000.00	10,000.00	.....	.....	8,458.14	15,163.92	22,893.15	.....
Maryland.....	5,822.50	.....	25,000.00	30,000.00	.....	.....	12,882.56	.....	97,292.69	15,000.00
Massachusetts (Amherst).....	7,300.00	2,418.97	16,666.66	9,000.00	11,000.00	.....	961.86	.....	64,676.92	15,000.00
Massachusetts (Boston).....	2,188.59	53,000.00	8,333.34	25,000.00	10,000.00	.....	2,893.02	4.00	64,707.65	15,000.00
Michigan.....	63,312.30	.....	25,000.00	25,000.00	132,000.00	200,744.93	10,829.84	47,035.77	347,132.47	.....
Minnesota.....	22,035.72	38,794.66	25,000.00	135,628.25	120,000.00	275.00	3,715.00	17,738.79	224,302.30	15,000.00
Mississippi (Agricultural College).....	5,914.50	.....	11,617.29	25,719.28	44,800.00	97,644.93	1,160.00	20,995.61	110,344.68	15,000.00
Mississippi (Westside).....	13,382.39	6,814.50	13,382.39	10,000.00	.....	140.00	.....	.....	43,579.28	.....
Missouri (Columbia).....	17,494.10	33,197.91	23,660.41	13,380.47	.....	10,000.00	2,500.00	5,000.00	102,732.89	15,000.00
Missouri (Rolla).....	4,373.51	6,580.41	.....	11,522.76	.....	.....	.....	.....	24,976.68	.....
Missouri (Jefferson City).....	.....	.....	1,339.50	15,295.00	1,000.00	2,000.00	400.00	.....	16,631.59	15,000.00
Montana.....	.....	.....	25,000.00	14,000.00	.....	.....	.....	.....	41,400.00	15,000.00
Nebraska ¹	39,437.84	18,947.89	25,000.00	167,000.00	.....	.....	570.96	216,000.00	266,385.73	15,000.00
Nevada.....	.....	.....	25,000.00	17,000.00	.....	.....	799.00	12,110.15	54,681.11	15,000.00
New Hampshire.....	4,800.00	.....	25,000.00	3,000.00	7,500.00	1,100.15	.....	30,189.73	72,388.88	15,000.00

¹ Exclusive of professional colleges.² Includes tuition fees and incidental fees.³ Includes tuition fees.⁴ For year ended November 30, 1900.

TABLE 5.—*Revenue of land-grant colleges for year ended June 30, 1900—Continued.*

State or Territory.	Interest on land-grant of 1862.	Interest on other funds.	United States appropriation (act of 1890).	State appropriation (annual or regular).	State appropriation (occasional).	Tuition fees.	Incidental fees.	Miscellaneous.	Total.	United States appropriation for experiment stations (act of 1887).
New Jersey.....	\$6,480.00		\$25,000.00	\$6,710.76		\$1,160.85		\$21,382.14	\$52,862.14	\$15,000.00
New Mexico.....		\$208.32	25,000.00					6,221.68	39,301.61	15,000.00
New York.....	34,428.80	330,086.58	25,000.00			5,346.07			389,495.38	13,500.00
North Carolina (West Raleigh).....	7,500.00		16,235.00	10,000.00		315.52	\$243.00	5,258.94	44,883.01	15,000.00
North Carolina (Greensboro).....			8,765.00	7,500.00		443.00	3.00		16,758.92	
North Dakota.....			25,000.00			8,000.00	23,920.75	2,843.17	28,289.17	15,000.00
Ohio.....	31,421.19	1,783.03	25,000.00	166,076.15			908.37	59,416.68	315,617.80	
Oklahoma (Stillwater).....			22,500.00	8,480.40	\$20,000.00			2,917.30	54,806.07	15,000.00
Oklahoma (Langston).....			17,500.00	9,283.99					26,763.99	
Pennsylvania.....	12,322.87		25,000.00	5,000.00	27,293.07		5,173.00	14,517.33	69,615.94	15,000.00
Rhode Island.....	25,637.43	5,382.57	25,000.00	27,525.95		140.00			103,376.28	15,000.00
South Carolina (Clemson College).....	2,500.00		25,000.00	15,000.00					42,500.00	15,000.00
South Carolina (Orangeburg).....	5,754.00	3,512.00	12,500.00	59,000.00		2,470.00	248.49	4,192.94	87,677.43	15,000.00
South Dakota.....			25,000.00		22,500.00					15,000.00
Tennessee.....	23,900.00	1,450.00	25,000.00	17,500.00		3,018.00	1,413.14	40.40	69,471.54	15,000.00
Texas (College Station).....	14,280.00		18,750.00				11,584.33	6,865.12	68,559.45	15,000.00
Texas (Prairieview).....			6,250.00	20,900.00	7,500.00				61,430.00	
Utah.....			25,000.00	15,000.00			11,848.18		33,098.18	
Vermont.....	8,130.00	15,899.81	25,000.00	6,000.00	6,300.00	2,060.50	512.00	7,712.64	53,585.14	15,000.00
Virginia (Blacksburg).....	20,658.72		16,666.67	6,000.00		12,714.78		5,971.55	73,716.14	15,000.00
Virginia (Hampton).....	10,329.36	35,336.19	8,333.33		15,000.00			117,798.14	70,123.53	15,000.00
Washington.....			25,000.00	23,209.79				218,005.42	172,004.30	
West Virginia (Morgantown).....	6,168.00		20,000.00	70,300.00	38,000.00			17,241.43	55,451.22	15,000.00
West Virginia (Institute).....								17,740.00	142,208.00	15,000.00
Wisconsin.....	11,740.00	12,610.15	25,000.00	268,000.00	15,000.00	17,259.00	19,006.00	3,221.00	371,836.15	15,000.00
Wyoming.....			25,000.00	8,726.51	6,118.26	461.00	127.35		40,433.12	15,000.00
Total.....	677,870.33	726,229.70	1,198,100.21	1,889,288.34	744,184.07	390,334.08	254,337.26	550,694.68	6,431,038.67	696,000.00

¹ Includes tuition fees and incidental fees.² Includes incidental fees.

TABLE 6.—*Additions to equipment of land-grant colleges, 1900.*

State or Territory.	Permanent endowment.	Buildings.	Library.	Apparatus.	Machinery.	Miscellaneous.	Total.
Alabama (Auburn)	\$1,509.55	\$1,648.94	\$1,600.00	\$1,400.00	\$429.88	\$6,588.37
Alabama (Normal)	12,000.00	1,500.00	437.61	3,077.28	838.12	17,808.01
Arizona
Arkansas (Fayetteville)	1,300.00	.....	1,300.00
Arkansas (Pine Bluff)	500.00	.....	500.00
California ¹	\$1,150.00	16,633.25	3,086.80	1,440.00	1,316.59	300.00	4,455.63
Colorado	1,431.66	1,407.38	250.00	300.00	2,600.00
Connecticut	1,300.00	750.00	.....	.....	.....
Delaware (Newark)
Delaware (Dover)	1,250.00	750.00	.....	450.00	2,450.00
Florida (Lake City)
Florida (Tallahassee)
Georgia (Athens)
Georgia (College)
Idaho	26,517.74	.....	.....	.....	.....	.....	.....
Illinois	2,000.00	7,000.00	5,000.00	3,500.00	.....	20,000.00
Indiana	200,000.00	5,000.00	25,000.00	10,000.00	15,000.00	281,547.74
Iowa	4,000.00	1,500.00	4,250.00	3,750.00	.....	13,500.00
Kansas	15,000.00	1,000.00	.....	.....	.....	16,000.00
Kansas	42,500.00	1,300.00	4,000.00	11,650.00	4,200.00	63,650.00
Kentucky (Lexington)	900.00	2,700.00	550.00	800.00	4,950.00
Kentucky (Frankfort)	125.00	.....	.....	100.00	225.00
Louisiana (Baton Rouge)	8,000.00	26.39	1,475.73	3,281.38	912.23	13,695.73
Louisiana (New Orleans)	2,308.00	18.00	.....	23.00	2,349.00
Maine	4,000.40	3,736.32	1,499.92	3,294.57	4,032.71	16,563.92
Maryland
Massachusetts (Amherst)	840.00	924.00	.....	.....	2,000.00
Massachusetts (Boston)	219,853.07	5,996.59	6,844.00	50,000.00	10,000.00	2,204.53	3,908.53
Michigan	55,000.00	.....	.....	.....	.....	292,693.66
Minnesota	1,368,814.55	75,000.00	12,607.00	5,000.00	6,400.00	.....	55,000.00
Mississippi (Agricultural College)	2,200.00	.....	.....	.....	.....	1,407,821.55
Mississippi (Westside)	25,000.00	.....	.....	.....	.....	.....	2,200.00
Missouri (Columbia)	1,000.00	5,000.00	5,000.00	4,000.00	.....	25,000.00
Missouri (Rolla)	500.00	1,820.00	.....	300.00	16,000.00
Missouri (Jefferson City)	250.00	.....	.....	.....	3,620.00
Montana	1,100.00	1,000.00	2,000.00	.....	.....	4,100.00
Nebraska ³	49,110.60	30,000.00	10,000.00	.....	4,20,000.00	18,365.00	127,475.60
Nevada	12,000.00	2,164.65	926.36	244.96	.....	3,573.82	20,033.67
New Hampshire	1,700.00	.....	43,928.73	1,666.09	7,351.82
New Jersey	1,573.94	.....	.....	23,078.81	4,682.75
New Mexico	2,900.00	2,880.00	2,000.00	1,150.00	8,930.00
New York	150.00	405.77	500.00	700.00	650.00	2,405.77
North Carolina (West Raleigh)
North Carolina (Greensboro)	500.00	.....	328.59	.....	2,920.44
North Dakota	2,000.00	.....	91.85	.....	.....	.....

¹ Exclusive of professional colleges.² Includes apparatus and machinery.³ For year ended November 30, 1900.⁴ Includes apparatus.

Georgia.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Idaho.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Illinois.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Indiana.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Iowa.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Kansas.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Kentucky.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Louisiana.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Maine.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Maryland.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Massachusetts.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Michigan.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Minnesota.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Mississippi.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Missouri.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Montana.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Nebraska.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Nevada.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
New Hampshire.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
New Jersey.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
New Mexico.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
New York.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
North Carolina.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
North Dakota.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Ohio.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Oklahoma.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Oregon.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Pennsylvania.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Rhode Island.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
South Carolina.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
South Dakota.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Tennessee.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Texas.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Utah.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Vermont.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Virginia.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Washington.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
West Virginia.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Wisconsin.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Wyoming.....	15,000	16,000	17,000	18,000	19,000	20,000	21,000	22,000	23,000	24,000	25,000	25,000
Total.....	660,000	704,000	782,000	864,000	972,000	960,000	1,008,000	1,056,000	1,104,000	1,152,000	1,200,000	1,200,000

¹ From the annual statement of the Commissioner of Education to the Secretary of the Interior, 1900.

TABULATED STATISTICS OF THE AGRICULTURAL EXPERIMENT STATIONS.

TABLE 8.—General statistics of the agricultural experiment stations in the United States, 1900.

Station.	Location.	Director.	Date of original organization.	Date of organization under Hatch Act.	Number on staff.	Number of teachers on staff.	Publications during fiscal year 1899-1900.		Number of addresses on mailing list.	Principal lines of work.
							No.	Pages.		
Alabama (College)....	Auburn	P. H. Mell	Feb. —, 1883	Feb. 24, 1888	13	8	7	394	8, 402	Botany; soils; analyses of fertilizers and food materials; field and pot experiments; horticulture; diseases of plants; feeding experiments; diseases of animals.
Alabama (Canebrake)....	Uniontown	H. Benton	Jan. 1, 1886	Apr. 1, 1888	3	2	.....	.....	2, 311	Soil improvement; field experiments; horticulture; floriculture; diseases of plants; diseases of animals.
Arizona	Tucson	R. H. Forbes .....	.....	1889	9	7	5	180	2, 900	Chemistry; field experiments; meteorology; diseases of plants; horticulture (including date-palm orchard).
Arkansas	Fayetteville	R. L. Bennett .....	.....	1887	8	2	5	245	6, 000	Chemistry of foods; field experiments; horticulture; diseases of plants; feeding experiments; diseases of animals.
California	Berkeley	E. W. Hilgard	1875	Mar. —, 1888	30	9	5	170	5, 200	Physics; chemistry and geographical distribution of soils; fertilizers; field crops; horticulture; botany; meteorology; technology of wine and olive oil; including zymology; chemistry of foods and feeding stuffs; entomology; drainage and irrigation; reclamation of alkali lands; plant introduction.
Colorado	Fort Collins	L. G. Carpenter	1879	Feb. —, 1888	16	8	27	186	6, 500	Chemistry; field experiments; horticulture; entomology; irrigation.
Connecticut (State) ...	New Haven	E. H. Jenkins	Oct. 1, 1875	May 18, 1887	14	.....	1	40	9, 000	Analysis and inspection of fertilizers, foods, and feeding stuffs; chemistry; diseases of plants; horticulture; forestry; field experiments; entomology.
Connecticut (Storrs) ..	Storrs	W. O. Atwater .....	.....	.....do	7	1	3	248	7, 000	Food and nutrition of man and animals; bacteriology of dairy products; field experiments; dairying.
Delaware	Newark	A. T. Neale .....	.....	Feb. 21, 1888	8	7	5	287	6, 800	Chemistry; bacteriology; field experiments; horticulture; diseases of plants; feeding experiments; diseases of animals; entomology; dairying.

Florida	Lake City	W. F. Yocum	1888	11	5	4	190	4,000	Chemistry; field experiments; horticulture; entomology.
Georgia	Experiment Station	R. J. Redding	July 1, 1889	8	1	5	174	15,288	Field experiments; horticulture; entomology; mycology; pig feeding; dairying.
Idaho	Moscow	J. A. McLean	Feb. 26, 1892	11	8	6	112	3,000	Physies; botany; field experiments; horticulture; entomology; feeding experiments.
Illinois	Urbana	E. Davenport	Mar. 21, 1888	12	7	5	172	18,000	Chemistry; bacteriology; field experiments; horticulture; forestry; diseases of plants; feeding experiments; entomology; dairying.
Indiana	Lafayette	C. S. Plumb	1885	11	7	4	196	17,452	Chemistry; pot and field experiments; horticulture; feeding experiments; diseases of plants and animals.
Iowa	Ames	C. F. Curtiss	Feb. 17, 1888	20	14	6	296	20,000	Chemistry; bacteriology; field experiments; horticulture; diseases of plants; feeding experiments; entomology; dairying.
Kansas	Manhattan	J. T. Willard	Feb. 8, 1888	15	12	10	170	17,102	Soils; horticulture; seed breeding; field experiments; feeding and digestion experiments; diseases of animals; entomology.
Kentucky	Lexington	M. A. Scovell	Sept. —, 1885	11	1	7	346	7,000	Chemistry; soils; fertilizer analysis; field experiments; horticulture; diseases of plants; entomology; dairying.
Louisiana (Sugar)	New Orleans	W. C. Stubbs	Sept. —, 1885						Chemistry; bacteriology; soils and soil physics; field experiments; horticulture; sugar making; drainage; irrigation.
Louisiana (State)	Baton Rouge	do	Apr. —, 1886	21	6	6	384	15,000	Chemistry; geology; botany; bacteriology; soils; inspection of fertilizers and Paris green; field experiments; horticulture; diseases of animals; entomology.
Louisiana (North)	Calhoun	do	May —, 1887						Chemistry; soils; fertilizers; field experiments; horticulture; feeding experiments; stock raising; dairying.
Maine	Orono	C. D. Woods	Mar. —, 1885	14	6	15	404	11,000	Chemistry; botany; analysis and inspection of fertilizers; concentrated commercial feeding stuffs; and creamery glassware; horticulture; diseases of plants; seed tests; food and nutrition of man and animals; poultry raising; diseases of animals; entomology; dairying.
Maryland	College Park	H. J. Patterson	1888	16	8	6	171	8,500	Chemistry; soils; field experiments; horticulture; diseases of plants; feeding experiments; entomology.

New Jersey (State).....	New Brunswick.....	E. B. Voorhees.....	Mar. 10, 1880.....	.....	8	1	5	384	10,000	(Chemistry; biology; botany; analysis of fertilizers and foods; pot and field experiments; horticulture; diseases of plants; food and nutrition of man; diseases of animals; entomology; dairy husbandry; bacteria of milk; irrigation.
New Jersey (College).....	do.....	do.....	Apr. 26, 1888.....	.....	8	4	6	385		
New Mexico.....	Mesilla Park.....	F. W. Sanders.....	Dec. 14, 1889.....	.....	15	10	4	106	2,800	Chemistry; soil physics; field experiments; horticulture; entomology; irrigation.
New York (State).....	Geneva.....	W. H. Jordan.....	Mar. —, 1882.....	.....	25	.....	17	1,131	36,000	Chemistry; bacteriology; meteorology; fertilizers; analysis and control of glassware; field experiments; horticulture; diseases of plants; feeding experiments; poultry experiments; entomology; dairying; irrigation.
New York (Cornell).....	Ithaca.....	L. P. Roberts.....	Apr. —, 1888.....	1879.....	19	7	12	386	20,000	Chemistry of soils; feeding stuffs and dairy products; soils; fertilizers; field experiments; horticulture; diseases of plants; feeding sheep and swine; diseases of animals; poultry experiments; entomology; dairying.
North Carolina.....	Raleigh.....	G. T. Winston.....	Mar. 7, 1887.....	Mar. 12, 1877.....	13	9	8	630	19,808	Chemistry; field experiments; horticulture; analysis of feeding stuffs; digestion experiments; poultry experiments.
North Dakota.....	Agricultural College.....	J. H. Worst.....	Mar. —, 1890.....	.....	12	10	4	105	8,300	Field experiments; horticulture; diseases of plants; feeding experiments; diseases of animals; dairying.
Ohio.....	Wooster.....	C. E. Thorne.....	Apr. 2, 1888.....	Apr. 25, 1882.....	16	.....	11	305	35,000	Soils; field experiments; horticulture; diseases of plants; breeding and feeding experiments; diseases of animals; entomology.
Oklahoma.....	Stillwater.....	John Fields.....	Dec. 25, 1890.....	.....	10	5	4	80	13,510	Field experiments; horticulture; forestry; diseases of plants; digestion and feeding experiments; animal husbandry; diseases of animals; entomology.
Oregon.....	Corvallis.....	T. M. Gatch.....	July —, 1888.....	.....	12	10	5	104	4,000	Chemistry; soils; field crops; horticulture; diseases of plants; digestion and feeding experiments; entomology; dairying.
Pennsylvania.....	State College.....	H. P. Armsby.....	June 30, 1887.....	.....	20	8	7	49	12,500	Chemistry; meteorology; fertilizer analysis; field experiments; feeding experiments; dairying.
Rhode Island.....	Kingston.....	A. A. Brigham.....	July 30, 1888.....	.....	15	4	15	386	8,000	Chemistry; meteorology; soils; analysis and inspection of fertilizers and feeding stuffs; field and pot experiments; horticulture; poultry experiments.

¹ In 1882 the State organized a station here and maintained it until June 18, 1886, when it became a part of the Hatch Station at the same place.

TABLE 8.—*General statistics of the agricultural experiment stations in the United States, 1900—Continued.*

Station.	Location.	Director.	Date of original organization.	Date of organization under Hatch Act.	Number of teachers on staff.	Publications during fiscal year 1899-1900.		Number of addresses on mailing list.	Principal lines of work.
						No.	Pages.		
South Carolina	Clemson College.....	H. S. Hartzog .....	.....	Jan. —, 1888	14	9	185	8,500	Soils; analysis and control of fertilizers; field experiments; horticulture; plant breeding; diseases of plants; feeding experiments; veterinary science; entomology; dairying.
South Dakota	Brookings	J. H. Shepard .....	.....	Mar. 13, 1887	12	5	202	9,000	Bacteriology; chemistry of soils and soil physics; field experiments; forestry; diseases of plants; feeding experiments; entomology; irrigation.
Tennessee	Knoxville	A. M. Soule ¹	June 8, 1882	Aug. 4, 1887	12	4	84	9,000	Chemistry; soils; fertilizers; field experiments; horticulture; seeds; weeds; diseases of plants; feeding experiments; entomology; dairying.
Texas	College Station	J. H. Connell .....	.....	.....	14	7	283	15,655	Chemistry; soils; fertilizers; field experiments; horticulture; feeding dairy cows; sheep husbandry; diseases of animals; irrigation.
Utah	Logan	J. A. Widtsoe .....	.....	1890	10	7	460	4,450	Chemistry of soils and feeding stuffs; alkali soil investigations; meteorology; field experiments; horticulture; forestry; diseases of plants; cattle and sheep breeding; feeding experiments; dairying; poultry experiments; irrigation.
Vermont	Burlington	J. L. Hills	Nov. 24, 1886	Feb. 28, 1888	13	5	484	10,500	Chemistry; analysis and control of fertilizers and feeding stuffs; inspection of creamery glassware; field experiments; horticulture; diseases of plants; feeding experiments; diseases of animals; dairying.
Virginia	Blacksburg	J. M. McBryde	1888	1891	10	6	150	8,200	Field crops; horticulture; cider and vinegar making; feeding experiments; veterinary science; entomology.
Washington	Pullman	E. A. Bryan .....	.....	1891	12	7	203	5,000	Chemistry; botany; bacteriology; soils; field experiments; horticulture; diseases of plants; feeding and breeding experiments; oyster culture; diseases of animals; entomology; dairying; irrigation.

West Virginia	Morgantown	J. H. Stewart.....	June 11, 1888	12	4	7	236	7,000	Chemistry; analysis and control of fertilizers; field experiments; horticulture; feeding experiments; poultry experiments; entomology.
Wisconsin	Madison.....	W. A. Henry.....	1883	21	16	10	692	12,000	Chemistry; soils; field experiments; horticulture; feeding experiments; dairying; drainage and irrigation.
Wyoming	Laramie.....	E. E. Smiley.....	1887 Mar. 1, 1891	8	6	5	374	2,700	Geology; botany; meteorology; waters; soils; fertilizers; field experiments; food analysis; feeding experiments; entomology.
Total .....	.....	.....	.....	693	327	386	14,172	562,851	

1 Vice-director.

TABLE 9.—*Revenue and additions to equipment*

Station.	Hatch fund.	State.	Individuals and communities.	Fees.	Farm products.	Miscellaneous.	Total.
Alabama (College).....	\$15,000.00			\$5,628.21	\$931.94	\$1,668.87	\$23,229.02
Alabama (Canebrake).....		\$2,500.00			270.88		2,770.88
Arizona.....	15,000.00			295.23	157.76	782.65	16,235.64
Arkansas.....	15,000.00						15,000.00
California.....	15,000.00	11,560.00			817.61		27,377.61
Colorado.....	15,000.00				1,013.22	511.69	16,524.91
Connecticut (State).....	7,500.00	12,500.00	\$254.40	8,471.03	1,103.42	16.91	29,845.76
Connecticut (Storrs).....	7,500.00	1,800.00				1,684.75	10,984.75
Delaware.....	15,000.00						15,000.00
Florida.....	15,000.00				1,132.55		16,132.55
Georgia.....	15,000.00	700.00			1,608.89	2,400.36	19,709.25
Idaho.....	15,000.00				612.00		15,612.00
Illinois.....	15,000.00			260.00	747.04	196.15	16,203.19
Indiana.....	15,000.00				2,251.21		17,251.21
Iowa.....	15,000.00			7.00	2,678.35	144.70	17,830.05
Kansas.....	15,000.00				7,002.05		22,002.05
Kentucky.....	15,000.00	\$2,455.26		\$20,866.29	\$3,334.34	\$105.30	41,761.19
Louisiana.....	15,000.00	18,000.00	2,005.00	5,514.25	1,669.90	12,974.84	55,163.99
Maine.....	15,000.00			4,970.53	3,950.10	117.74	24,098.37
Maryland.....	15,000.00				2,830.94	5.69	17,836.63
Massachusetts.....	15,000.00	11,200.00		3,600.00	1,720.86	1,979.82	33,500.68
Michigan.....	15,000.00	2,500.00		1,620.00	438.43	1,301.39	20,859.82
Minnesota.....	15,000.00	\$32,033.09			\$9,333.31		56,366.40
Mississippi.....	15,000.00				1,780.06	33.43	16,813.49
Missouri.....	15,000.00			1,129.95	2,520.00	1,195.83	19,845.78
Montana.....	15,000.00	1,500.00			3,128.89		19,628.89
Nebraska.....	15,000.00				1,806.12	949.78	17,755.90
Nevada.....	15,000.00				110.15	135.63	15,245.78
New Hampshire.....	15,000.00			1,222.38			16,222.38
New Jersey (State).....		16,600.00					16,600.00
New Jersey (College).....	15,000.00						15,000.00
New Mexico.....	15,000.00				153.58	661.80	15,815.38
New York (State).....	1,500.00	69,489.80					70,989.80
New York (Cornell).....	13,500.00	\$17,500.00			867.68	517.02	32,384.70
North Carolina.....	15,000.00				420.87	1,438.04	16,858.91
North Dakota.....	15,000.00			3.00	2,271.99	571.18	17,846.17
Ohio.....	15,000.00	25,879.15		377.07	5,851.57	1,568.24	48,676.03
Oklahoma.....	14,999.07				\$3,895.91		18,894.98
Oregon.....	15,000.00				2,884.24		17,884.24
Pennsylvania.....	15,000.00			8,217.00	1,446.94	5,946.84	30,610.78
Rhode Island.....	15,000.00				615.41	186.30	15,801.71
South Carolina.....	15,000.00				776.25		15,776.25
South Dakota.....	15,000.00	400.00			464.01		15,864.01
Tennessee.....	15,000.00				3,768.62	103.00	18,871.62
Texas.....	15,000.00	2,500.00				1,056.42	18,556.42
Utah.....	15,000.00				3,168.96		18,168.96
Vermont.....	15,000.00			2,902.06	6,210.92		24,112.98
Virginia.....	15,000.00		161.11		3,886.57		19,047.68
Washington.....	15,000.00	4,164.16				\$552.22	19,716.38
West Virginia.....	15,000.00			5,718.31	114.95	1,274.00	22,107.26
Wisconsin.....	15,000.00	14,000.00		125.00			29,125.00
Wyoming.....	15,000.00				340.35		15,340.35
Total.....	719,999.07	247,281.46	2,420.51	70,927.31	90,088.84	40,140.59	1,170,857.78

¹ Including grounds.² Including balance.³ Including subexperiment farms.

of the agricultural experiment stations in 1900.

Additions to equipment in 1900.						
Buildings.	Library.	Apparatus.	Farm imple- ments.	Live stock.	Miscellane- ous.	Total.
\$1,509.55	\$437.03	\$233.09	\$78.48	\$1,185.34		\$3,443.49
273.34	47.25	-----	69.20	-----	\$181.09	570.88
337.92	7.97	103.93	581.58	410.00	950.00	2,391.40
744.25	92.25	20.00	93.75	114.82	-----	1,065.07
152.96	200.00	83.80	53.80	67.50	-----	558.06
213.70	10.75	83.53	135.81	42.75	-----	486.54
1 657.05	625.66	110.09	66.35	-----	-----	1,459.15
71.65	-----	898.70	1.20	24.04	433.81	1,429.40
140.87	506.77	492.84	68.75	20.78	-----	1,230.01
914.91	232.33	157.43	655.71	892.81	-----	2,853.19
114.04	225.11	373.06	66.42	-----	-----	778.63
2,000.00	114.00	230.00	279.39	1,203.57	204.00	4,080.96
349.97	302.62	357.34	241.84	593.50	-----	1,845.27
181.47	93.92	37.90	422.11	93.10	-----	828.50
55.06	9.30	327.11	197.35	179.95	-----	768.77
402.49	277.91	278.54	70.26	-----	-----	1,029.20
2,463.57	578.16	511.21	475.52	668.00	3,129.40	7,825.86
6,605.48	141.58	85.70	658.89	360.55	-----	7,852.20
3,500.00	243.34	58.37	-----	140.47	-----	3,942.18
293.18	199.93	138.70	1,459.62	202.50	-----	2,293.93
1,131.65	254.26	931.33	781.44	185.96	-----	3,284.64
3.84	216.66	505.94	133.87	88.56	-----	948.87
30,000.00	69.35	5,000.00	672.77	3,844.95	-----	39,587.07
750.00	50.00	157.16	96.67	693.84	-----	1,747.67
308.48	232.55	176.06	166.37	1,089.00	-----	1,972.46
1,343.38	26.25	860.37	470.77	1,319.00	-----	4,019.77
576.29	124.09	369.56	488.70	902.15	-----	2,460.79
403.00	17.85	53.40	411.37	-----	-----	885.62
492.77	356.21	584.42	17.74	-----	-----	1,451.14
600.00	146.73	-----	-----	-----	\$1,542.12	2,288.85
749.45	582.86	433.38	56.85	-----	171.68	1,994.22
1,439.40	74.08	323.94	133.35	732.40	-----	2,703.17
1,496.02	814.19	63.43	556.88	582.00	-----	3,512.52
456.00	161.59	281.96	6.00	22.00	-----	927.55
267.78	248.48	178.67	672.39	7.60	-----	1,374.92
750.00	500.00	91.85	328.59	100.40	-----	1,770.84
1,685.01	394.05	284.11	867.21	550.40	22.13	3,802.91
2,813.75	3.32	558.32	159.55	1,431.29	487.00	5,453.23
281.91	156.41	138.93	406.48	111.35	-----	1,095.08
4,078.00	79.47	1,137.84	178.03	50.50	-----	5,523.84
99.81	587.73	401.47	70.07	83.90	-----	1,242.98
814.22	91.64	49.69	705.75	424.20	-----	2,085.50
124.33	4.75	182.62	195.00	120.00	-----	626.70
472.65	176.54	201.36	1,172.11	831.17	1,298.02	4,151.85
14.05	82.08	72.77	65.16	-----	-----	234.06
732.84	81.82	179.57	329.70	267.50	19.25	1,610.68
956.28	250.22	340.67	417.84	712.25	-----	2,677.26
321.50	-----	100.69	134.09	16.00	-----	572.28
579.56	5.10	187.89	340.95	334.20	25.00	1,472.70
620.16	53.00	295.19	329.26	118.00	-----	1,415.61
13,000.00	533.45	188.34	611.70	890.80	-----	15,224.29
1,072.64	64.09	485.58	363.17	300.00	387.44	2,672.92
89,416.23	10,784.70	19,397.85	17,015.86	22,009.10	8,850.94	167,474.68

⁴Including apparatus, farm implements, and live stock.

⁵Estimated amount of State appropriation spent for experimental purposes.

⁶Including fees and farm products.

TABLE 10.—*Expenditures of agricultural experiment stations from*

Station.	Amount.	Itemized.						
		Salaries.	Labor.	Publica- tions.	Postage and sta- tion- ery.	Freight and ex- press.	Heat, light, and water.	Chem- ical sup- plies.
Alabama	\$15,000.00	\$8,528.31	\$1,229.26	\$1,150.00	.....	\$284.71	\$134.73	\$506.54
Arizona	15,000.00	6,947.73	3,525.15	870.32	\$204.72	348.08	108.90	127.85
Arkansas	15,000.00	9,624.09	1,482.38	722.16	187.47	146.99	60.21	122.99
California	15,000.00	7,184.96	4,421.46	135.69	274.75	115.87	276.27	523.32
Colorado	15,000.00	10,394.06	2,320.18	644.90	194.00	33.14	2.08	.....
Connecticut (State)	7,500.00	7,500.00	.....	.....	.....	.....	.....	.....
Connecticut (Storrs)	7,500.00	3,778.40	958.67	78.40	260.50	72.62	488.14	53.14
Delaware	15,000.00	9,570.44	1,238.01	804.20	237.62	150.93	257.90	127.19
Florida	15,000.00	5,063.90	3,156.34	659.37	252.46	278.99	223.84	348.09
Georgia	15,000.00	7,569.96	2,436.03	1,746.99	215.55	193.01	249.14	.....
Idaho	15,000.00	6,208.33	3,462.39	537.82	113.10	203.90	497.44	150.09
Illinois	15,000.00	6,457.91	2,947.64	1,452.11	357.64	115.77	120.00	123.13
Indiana	15,000.00	8,637.70	2,717.19	731.35	77.09	80.14	426.85	219.59
Iowa	15,000.00	8,181.96	2,318.71	1,471.18	422.64	238.12	288.24	338.75
Kansas	15,000.00	6,931.59	3,556.68	340.03	264.16	160.43	91.09	187.35
Kentucky	15,000.00	9,990.00	3,050.11	338.96	207.43	50.84	100.28	10.18
Louisiana	15,000.00	7,937.85	2,595.48	1,659.82	452.13	269.07	217.93	160.84
Maine	15,000.00	7,812.93	1,468.23	26.65	326.29	187.16	1,064.41	377.26
Maryland	15,000.00	7,375.92	2,947.40	851.18	134.17	235.66	355.58	152.80
Massachusetts	15,000.00	5,614.58	4,278.90	409.40	228.53	127.48	254.96	108.53
Michigan	15,000.00	8,820.05	2,599.25	711.35	501.36	199.13	.....	272.01
Minnesota	15,000.00	11,689.24	1,355.00	45.00	49.14	.....	101.31	83.61
Mississippi	15,000.00	9,398.49	1,325.22	250.35	176.61	320.20	242.67	236.72
Missouri	15,000.00	7,152.57	2,152.65	495.69	341.48	166.20	248.08	91.65
Montana	15,000.00	8,408.47	3,032.75	357.34	140.55	339.16	439.90	51.16
Nebraska	15,000.00	9,108.18	1,923.97	857.15	463.39	126.57	.....	337.88
Nevada	15,000.00	9,199.54	1,435.97	696.55	180.98	79.87	265.95	391.72
New Hampshire	15,000.00	9,362.81	1,400.43	1,363.15	118.09	80.26	523.76	56.67
New Jersey	15,000.00	9,430.00	803.90	1,002.49	163.28	65.58	308.61	43.05
New Mexico	15,000.00	9,038.44	1,587.05	549.19	379.18	175.60	91.40	168.32
New York (State)	1,500.00	.....	.....	.....	32.56	50.37	121.14	.....
New York (Cornell)	13,500.00	9,508.14	774.60	1,620.11	387.59	112.78	90.63	16.29
North Carolina	15,000.00	9,577.01	1,441.88	1,574.46	245.04	70.63	10.71	356.12
North Dakota	15,000.00	6,218.14	5,232.12	969.20	110.11	33.24	299.55	74.83
Ohio	15,000.00	12,073.10	1,310.27	13.13	69.27	.....	305.96	.....
Oklahoma	14,999.07	5,245.00	2,801.28	692.61	432.24	221.92	548.95	82.79
Oregon	15,000.00	8,979.60	3,323.82	230.98	39.55	166.58	.....	457.06
Pennsylvania	15,000.00	13,300.08	.....	426.21	89.09	.....	2.54	299.40
Rhode Island	15,000.00	7,730.74	3,377.43	216.49	216.50	199.34	303.67	27.64
South Carolina	15,000.00	7,330.10	2,654.42	836.90	79.43	161.69	27.54	292.35
South Dakota	15,000.00	10,432.94	1,421.93	1,170.25	50.00	205.79	716.04	151.59
Tennessee	15,000.00	6,662.29	2,978.02	1,008.27	241.11	100.50	315.04	35.00
Texas	15,000.00	9,055.00	1,169.37	2,384.20	472.15	170.55	337.65	294.19
Utah	15,000.00	5,881.20	3,533.43	1,327.60	163.52	238.62	207.33	485.98
Vermont	15,000.00	6,588.79	2,803.93	950.54	518.47	76.83	328.52	294.03
Virginia	15,000.00	8,727.36	2,666.00	1,408.86	113.72	242.18	270.45	162.66
Washington	15,000.00	7,949.97	3,158.54	552.10	94.26	239.06	547.99	56.90
West Virginia	15,000.00	12,591.82	898.65	.....	73.63	148.54	226.64	18.73
Wisconsin	15,000.00	9,947.00	3,202.32	.....	.....	.....	.....	64.43
Wyoming	15,000.00	2,875.00	5,032.76	1,143.53	384.08	316.81	932.02	423.58

¹ The expenditures under different heads are affected by

United States appropriation for year ended June 30, 1900.¹

Itemized.											
Seeds, plants, and sundry supplies.	Fertilizers.	Feeding stuffs.	Library.	Tools, implements, and machinery.	Furniture and fixtures.	Scientific apparatus.	Live stock.	Traveling expenses.	Contingent expenses.	Buildings and repairs.	Balance.
\$644.29	\$369.61	\$208.61	\$437.03	\$78.48		\$233.09	\$1,185.34		\$10.00		
211.46	208.65	190.31	7.97	708.58	\$23.25	103.93	410.00	\$599.50	10.30	\$393.30	
751.24	21.00	87.96	92.25	127.27	128.15	20.00	114.82	441.27	125.50	744.25	
407.30		193.90	73.62	479.14	4.95	83.80	67.50	537.50	29.50	190.47	
265.29	55.05	14.00	10.75	128.56	46.64	81.03	42.75	652.13	54.00	61.44	
146.28	127.95	289.19		1.20	407.31	677.69	17.24	61.62	10.00	71.65	
500.76	10.41	41.90	506.77	68.75	200.15	510.40	20.78	543.22	69.60	140.97	
679.15	455.73	697.97	220.53	649.23	12.53	157.43	892.81	611.71	54.25	585.67	
499.32	416.15	275.84	225.11	66.42	46.76	73.06		271.10		715.56	
406.87	15.20	43.05	114.00	279.39	204.00	230.00	1,202.57	391.25	190.60	750.00	
574.86	2.50	561.50	302.62	241.84	126.25	357.34	593.50	189.66	125.76	349.97	
705.01	8.55	527.60	93.92	422.11	68.30	37.90	53.10	40.85	4.13	148.62	
565.69	2.10	521.80	4.05	65.65	72.65	305.96	104.95	37.82	26.25	33.48	
408.52	9.55	736.31	267.64	70.26	79.95	209.84	1,195.49	76.98	11.64	402.49	
131.82			578.16	139.90	65.75	11.25		149.96	110.47	65.89	
506.23	44.02	341.49	141.58	227.31		85.70	360.55				
646.40	171.73	1,107.02	243.34	190.78	262.01	58.37	352.24	297.52		407.66	
761.04			199.93	1,459.62	11.00	138.70		73.82	10.00	293.18	
602.04	1,168.55	136.62	157.31	673.63	51.90	384.95	60.30	22.02	125.25	595.05	
498.66	51.62	131.85	216.66	109.26	17.60	505.94	88.56	270.86	2.00	3.84	
417.20		704.30		98.12	6.75		240.00	187.08	10.00	13.25	
354.54	11.59	696.69	95.38	185.50			440.60	677.39	10.00	578.05	
632.25	16.05	1,284.57	232.55	166.37	39.20	176.06	1,089.00	397.15	10.00	308.48	
464.36	8.50	51.83	26.25	470.77	129.29	860.37	150.00	59.30	10.00		
566.41		84.36	124.09	202.64	60.79	369.56	87.50	188.13	10.00	489.38	
612.99		12.30	17.85	411.37	303.20	53.40		424.33	192.55	721.43	
251.94	126.42	148.73	356.21	17.74	209.68	389.62		90.51	11.21	492.77	
98.97	96.08	175.94	582.86	56.85	171.68	433.38		651.88	166.00	749.45	
272.06	52.25	95.40	74.08	133.35	128.11	323.94	732.40	519.11	55.00	624.02	\$1.10
385.74		73.90	23.07	2.50		58.79	500.00	186.94	64.99		
191.89	15.60	205.66	161.59	6.00	102.28	99.73	22.00	157.69	10.00	17.42	
167.51	112.00	515.64	94.20	288.54	131.98	178.67	7.60	72.60	20.06	135.35	
287.97	35.00	237.60		328.59		91.85	100.40	155.40	76.00	750.00	
534.27	4.56	323.33	77.05	165.57	20.03	4.28			10.00	89.18	
692.10	9.74	581.87	3.32	154.10	487.00	558.32	1,421.29	296.54	20.00	750.00	
305.33	6.60	51.15	156.41	406.48		138.93		91.35	96.95	324.95	224.26
13.48			75.10	10.75	22.50	445.39	54.02	251.19	10.25		
330.21	248.91	572.27	567.61	68.27	141.20	401.47	83.90	375.71	60.58	73.06	
673.11	172.46	342.70	91.64	552.63	73.80	49.69	270.00	742.82	28.20	620.52	
84.75			4.75	195.00		182.62	120.00	103.25	36.76	124.33	
375.35	110.21	323.31	176.54	998.93	12.00	201.36	600.00	364.75	98.27	399.05	
195.87	72.60	117.19	82.08	65.16	45.62	72.77		402.65	48.90	14.05	
470.53	49.50	887.66	81.82	329.70	19.25	179.57	267.50	133.95	10.00	732.84	
121.57	106.48	993.46	250.22	187.03	115.02	340.67	45.00	574.20	47.60	677.64	
397.19	90.50	221.71		134.09		100.69	16.00	117.09	10.00	321.50	
276.39		168.44	5.10	340.95	25.00	187.89	334.20	478.65	10.00	579.56	
244.94	41.50	139.76	50.50	148.00	2.50	272.03	67.50	53.26	22.00		
770.14	5.54	57.40	533.45	81.00	35.00	108.22	40.00	155.50			
592.57		22.00	64.09	363.17	387.44	485.58	300.25	886.30	40.82	750.00	

the total revenue of the station, as shown in Table 9.

TABLE 11.—*Disbursements from the United States Treasury to the States and Territories*

State or Territory.	1888.	1889.	1890.	1891.	1892.	1893.
Alabama	\$11,250.00	\$18,750.00	\$14,999.34	\$15,000.00	\$15,000.00	\$15,000.00
Arizona			10,000.00	15,000.00	15,000.00	15,000.00
Arkansas	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
California	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Colorado	11,250.00	18,713.24	15,000.00	15,000.00	15,000.00	15,000.00
Connecticut	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Dakota (Territory)	11,250.00	18,750.00	15,000.00	11,250.00		
Delaware	11,250.00	18,188.84	15,000.00	15,000.00	15,000.00	15,000.00
Florida	11,250.00	18,750.00	14,998.05	15,000.00	15,000.00	15,000.00
Georgia	11,250.00	18,733.55	15,000.00	15,000.00	15,000.00	15,000.00
Idaho						15,000.00
Illinois	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Indiana	11,250.00	18,662.91	14,988.28	15,000.00	15,000.00	15,000.00
Iowa	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Kansas	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Kentucky	11,250.00	18,746.57	15,000.00	15,000.00	15,000.00	15,000.00
Louisiana	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Maine	11,250.00	18,750.00	14,999.75	14,999.87	15,000.00	15,000.00
Maryland	11,250.00	18,725.28	14,998.65	15,000.00	15,000.00	15,000.00
Massachusetts	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Michigan	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Minnesota	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Mississippi	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Missouri	11,250.00	13,391.66	15,455.58	15,000.00	15,000.00	15,000.00
Montana						
Nebraska	11,250.00	18,750.00	15,000.00	14,999.87	15,000.00	14,951.05
Nevada	11,250.00	18,750.00	14,951.39	15,000.00	14,999.44	15,000.00
New Hampshire	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
New Jersey	11,250.00	18,711.97	15,000.00	15,000.00	15,000.00	15,000.00
New Mexico			10,000.00	15,000.00	15,000.00	15,000.00
New York	11,250.00	18,708.09	15,000.00	15,000.00	15,000.00	15,000.00
North Carolina	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
North Dakota				17,500.00	15,000.00	15,000.00
Ohio	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Oklahoma					15,000.00	15,000.00
Oregon	11,250.00	11,250.00	9,132.52	15,000.00	13,791.71	16,207.59
Pennsylvania	11,250.00	18,717.95	15,000.00	15,000.00	15,000.00	15,000.00
Rhode Island		15,000.00	30,000.00	15,000.00	15,000.00	15,000.00
South Carolina	11,250.00	18,750.00	15,000.00	15,000.00	14,542.15	15,000.00
South Dakota				3,750.00	15,000.00	15,000.00
Tennessee	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Texas	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Utah			10,000.00	15,000.00	15,000.00	15,000.00
Vermont	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Virginia	11,250.00	18,742.57	15,000.00	15,000.00	15,000.00	15,000.00
Washington					15,000.00	11,250.00
West Virginia	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Wisconsin	11,250.00	18,750.00	15,000.00	15,000.00	15,000.00	15,000.00
Wyoming				15,000.00	45,000.00	15,000.00
Total	427,500.00	713,792.63	624,523.56	662,499.74	718,333.30	702,408.67

